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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/920,683	08/02/2001	Alain Benayoun	FR920000026US1	5759
45503 7590 09/13/2005 DILLON & YUDELL LLP 8911 N. CAPITAL OF TEXAS HWY., SUITE 2110 AUSTIN, TX 78759			EXAMINER KHUONG, LEE T	
			ART UNIT 2665	PAPER NUMBER
DATE MAILED: 09/13/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

09/920,683

Applicant(s)

BENAYOUN ET AL.

Examiner

Lee Khuong

Art Unit

2665

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 22 August 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☐ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☒ Newly proposed or amended claim(s) 33 and 34 would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: 33 and 34.
Claim(s) objected to: _____.
Claim(s) rejected: 1-32.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____
13. ☐ Other: _____

ALPUS H. HSU
PRIMARY EXAMINER

Continuation of 11. does NOT place the application in condition for allowance because: Regarding to applicant's argument on page 11, lines 18-22, here is being recited for convenience:

"means for converting data frames into a bit stream of serial data before transmitting said serial data to said crossbar switch; and means for converting a bit stream of serial data received from said crossbar switch into data frames of parallel bytes before transmitting said data frames toward an attached network.", examiner respectfully directs applicant's attention to revisit Kao's reference on column 11, line 54 - column 12, line 3. Kao clearly teaches packets and frames received from attached IP/Frame Relay networks via NMC1 and NMC2 interfaces. Furthermore, Kao stated that packets and frames received from the attached IP/Frame Relay networks by packet controller 618 are processed by the HDLC controller and converted to ATM cells and queued in per-VC queues 612. Clearly, converting an IP packet to an ATM cell prior to storing in the VC queues of the ATM switch should meet the applicant's limitation of "means for converting data frames into a bit stream of serial data before transmitting said serial data to said crossbar switch". It is well known that an IP packet is being splitted into multiple ATM cells, wherein all the cells are usually stored in parallel queues and processed at the same time to convert back to IP packet format using the frame check sequences. Each ATM cell has a format of 53 bytes; therefore, after the IP packet or a frame from a frame relay network is converted to a serial data ATM cell and stored in parallel VC queues, the ATM cells belonging to the IP packet/frame is being converted back to the destination IPpacket/frame format prior to being transmitted to ward an attached network, see Kao's column 11, line 65 - column 12, line 3. Examiner respectfully believe the above explanation has met the application's limation of "means for converting a bit stream of serial data received from said crossbar switch into data frames of parallel bytes before transmitting said data frames toward an attached network."